

Following Paper ID and Roll No. to be filled in your Answer Book.

**PAPER ID : 23459**Roll  
No.

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**B. Tech. Examination 2021-22****(Even Semester)****VLSI TECHNOLOGY***Time : Three Hours]**[Maximum Marks : 60***Note :-** Attempt all questions.**SECTION - A**

1. Attempt all parts of the following : 8 × 1 = 8
- (a) What are the uses of silicon dioxide?
  - (b) What is preoxidation cleaning?
  - (c) What is epitaxy?
  - (d) What do you understand by ion-implantation?
  - (e) Write the diffusion equation at any given distance and time.

**[ P. T. O.**